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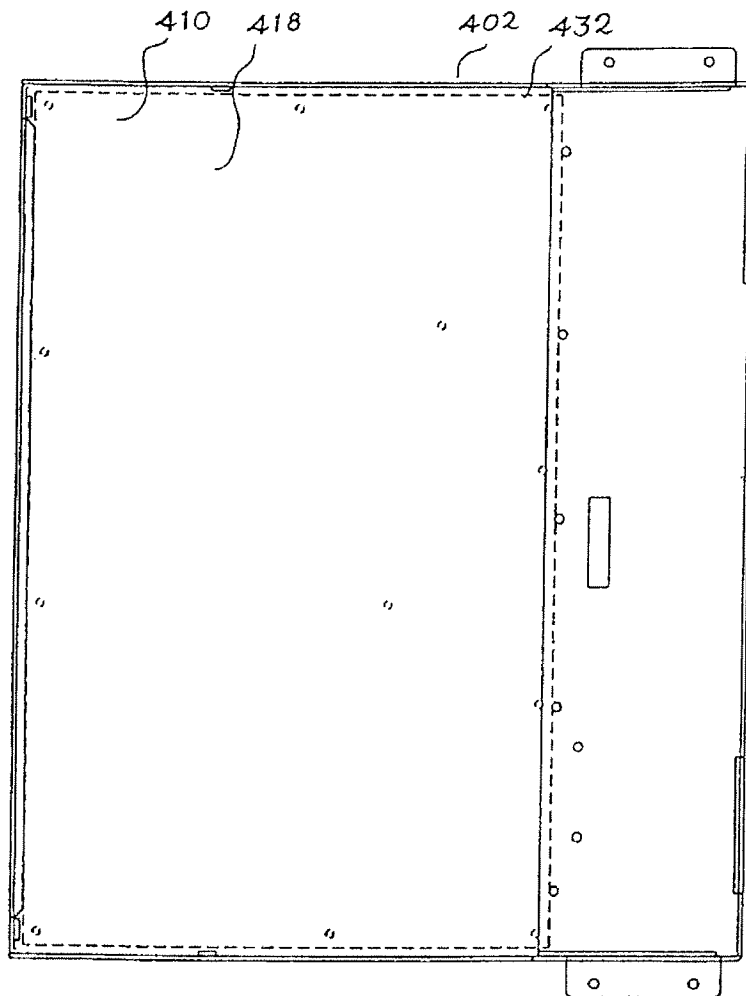


Fig. 4D

Fig. 4F

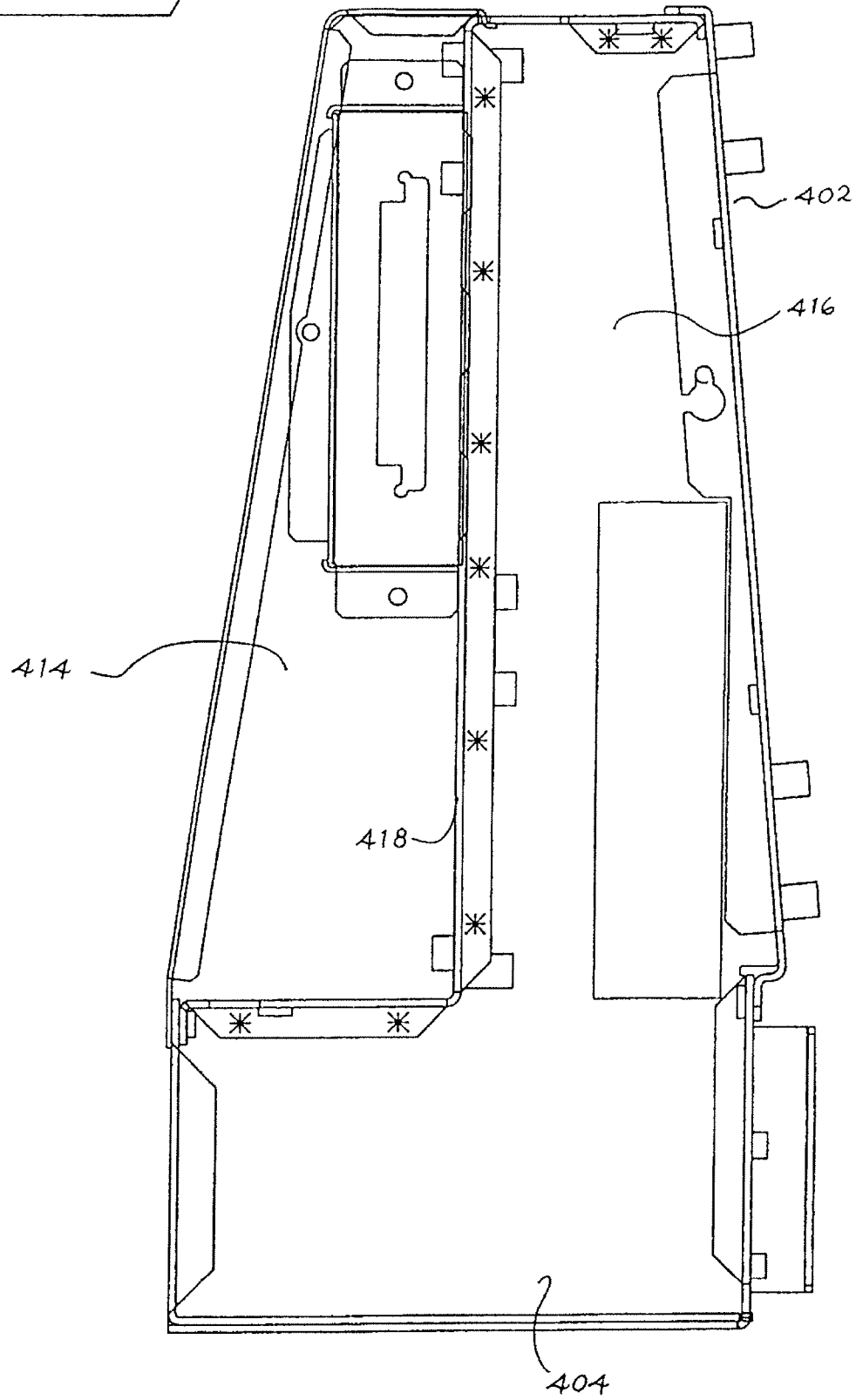
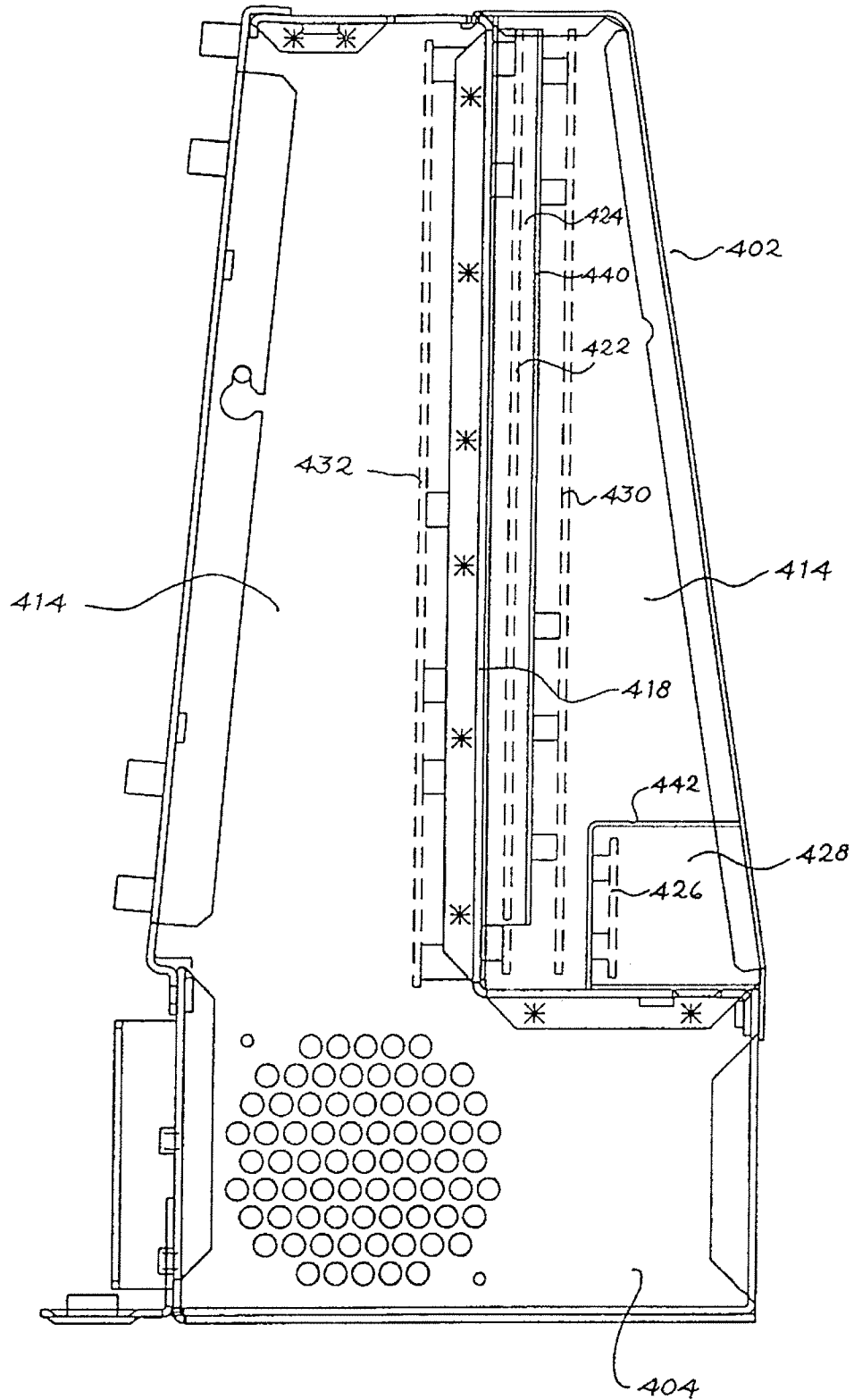


Fig. 4G



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Fig. 4H Fig. 4I

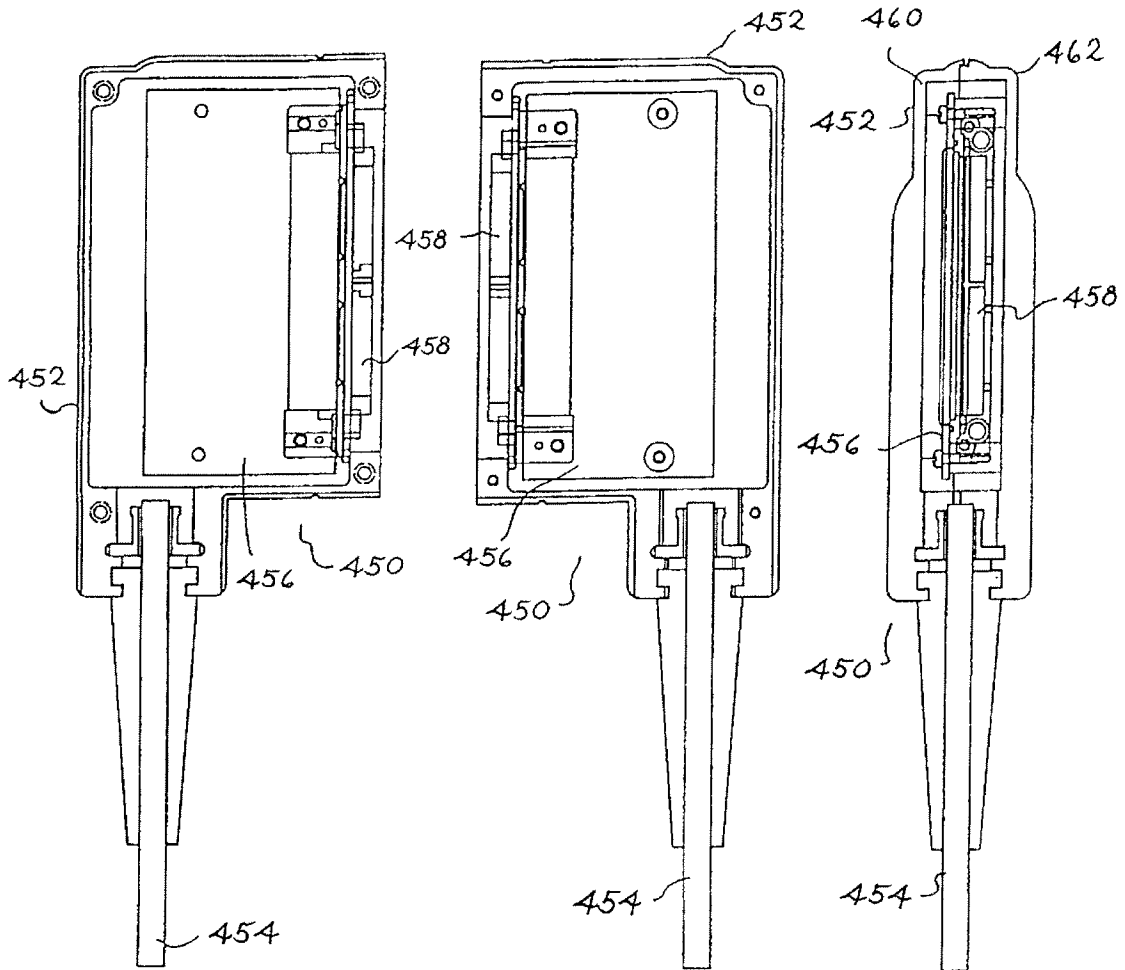


Fig. 4J

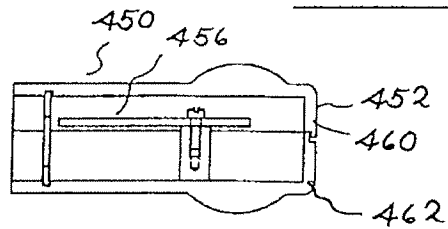


Fig. 4K

Fig. 4L

PIN #	SIGNAL	PIN #	SIGNAL	PIN #	SIGNAL	PIN #	SIGNAL
1	CHAN 1	41	BID_DATA	81	GROUND	121	TEMP_SENS
2	PRB_OUT 1	42	GROUND	82	CHAN 2	122	TEMP_RTN
3	CHAN 3	43	BID_CLOCK	83	GROUND	123	TEMP_REF
4	GROUND	44	GROUND	84	CHAN 4	124	GROUND
5	CHAN 5	45	!PID_WR	85	GROUND	125	PRB_PWR
6	GROUND	46	future use	86	CHAN 6	126	future use
7	CHAN 7	47	future use	87	GROUND	127	future use
8	GROUND	48	GROUND	88	CHAN 8	128	future use
9	CHAN 9	49	CHAN 33	89	GROUND	129	GROUND
10	GROUND	50	GROUND	90	CHAN 10	130	CHAN 34
11	CHAN 11	51	CHAN 35	91	GROUND	131	GROUND
12	GROUND	52	GROUND	92	CHAN 12	132	CHAN 36
13	CHAN 13	53	CHAN 37	93	GROUND	133	GROUND
14	GROUND	54	GROUND	94	CHAN 14	134	CHAN 38
15	CHAN 15	55	CHAN 39	95	GROUND	135	GROUND
16	GROUND	56	GROUND	96	CHAN 16	136	CHAN 40
17	CHAN 17	57	CHAN 41	97	GROUND	137	GROUND
18	GROUND	58	GROUND	98	CHAN 18	138	CHAN 42
19	CHAN 19	59	CHAN 43	99	GROUND	139	GROUND
20	GROUND	60	GROUND	100	CHAN 20	140	CHAN 44
21	CHAN 21	61	CHAN 45	101	GROUND	141	GROUND
22	GROUND	62	GROUND	102	CHAN 22	142	CHAN 46
23	CHAN 23	63	CHAN 47	103	GROUND	143	GROUND
24	GROUND	64	GROUND	104	CHAN 24	144	CHAN 48
25	CHAN 25	65	CHAN 49	105	GROUND	145	GROUND
26	GROUND	66	GROUND	106	CHAN 26	146	CHAN 50
27	CHAN 27	67	CHAN 51	107	GROUND	147	GROUND
28	GROUND	68	GROUND	108	CHAN 28	148	CHAN 52
29	CHAN 29	69	CHAN 53	109	GROUND	149	GROUND
30	GROUND	70	GROUND	110	CHAN 30	150	CHAN 54
31	CHAN 31	71	CHAN 55	111	GROUND	151	GROUND
32	GROUND	72	GROUND	112	CHAN 32	152	CHAN 56
33	future use	73	CHAN 57	113	GROUND	153	GROUND
34	future use	74	GROUND	114	future use	154	CHAN 58
35	future use	75	CHAN 59	115	future use	155	GROUND
36	future use	76	GROUND	116	GROUND	156	CHAN 60
37	future use	77	CHAN 61	117	UNUSED	157	GROUND
38	P_MUX_DAT	78	GROUND	118	SW_HV-	158	CHAN 62
39	P_MUX_CK	79	CHAN 63	119	UNUSED	159	PRB_OUT 2
40	P_MUX_ST	80	GROUND	120	SW_HV+	160	CHAN 64

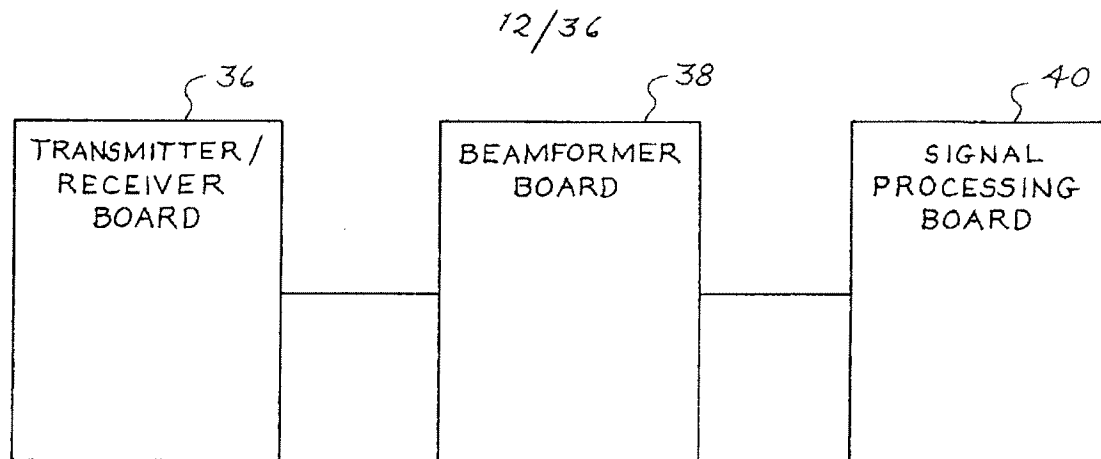


Fig. 5

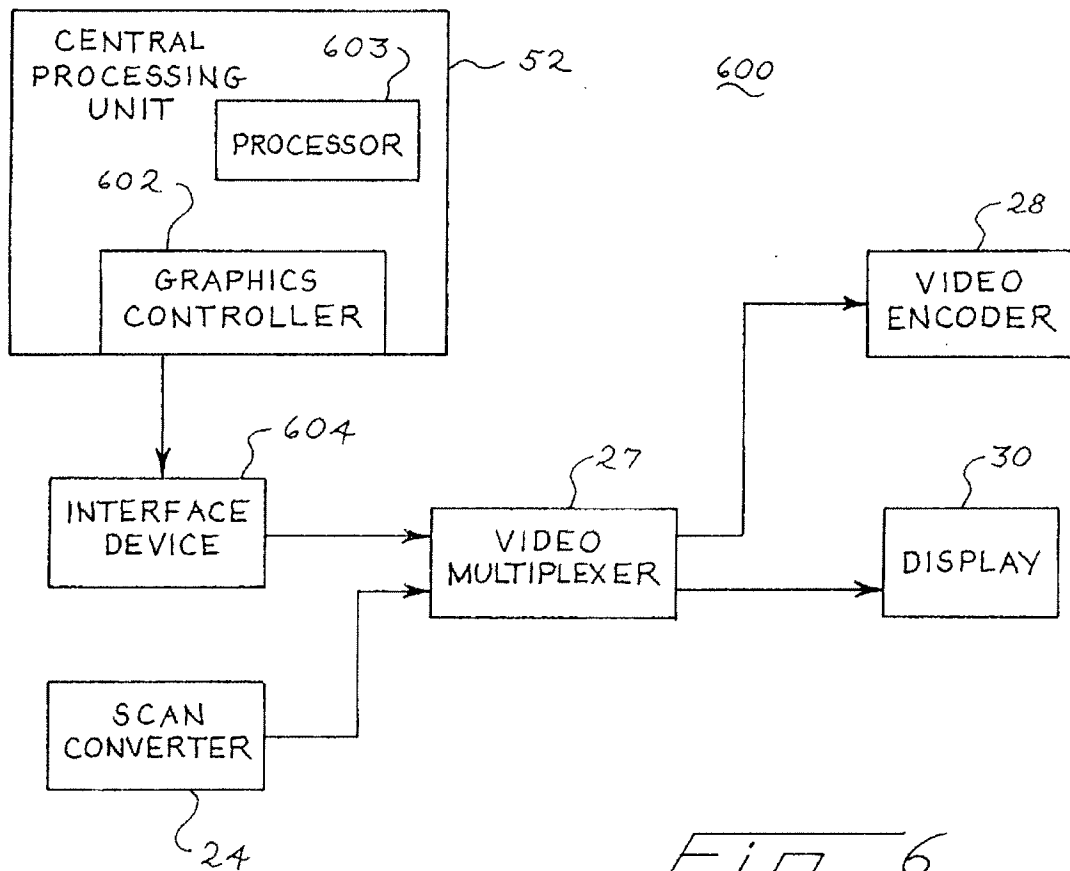


Fig. 6

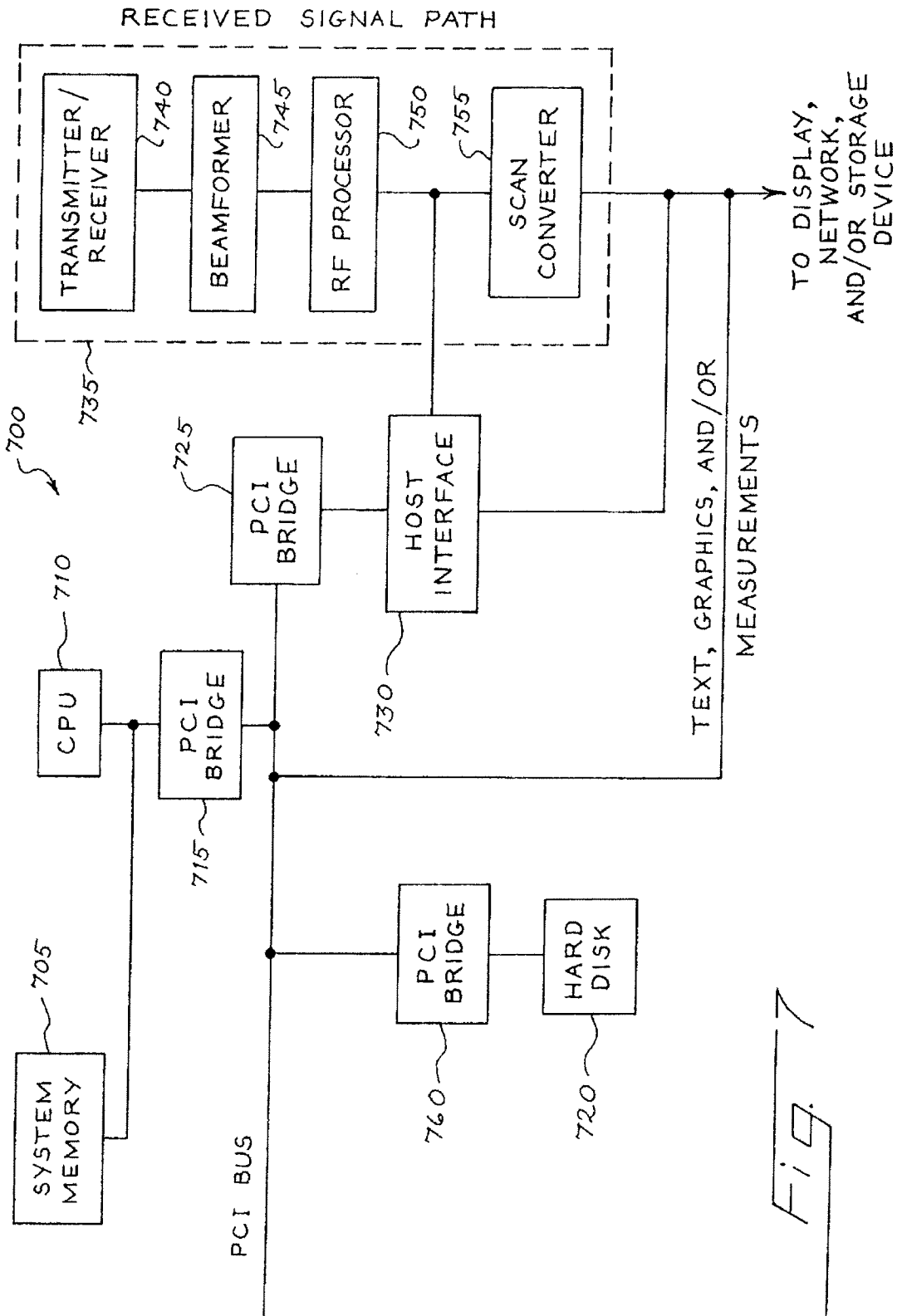


Fig. 7

EKG DATA	ULTRASOUND DATA	ULTRASOUND DATA	ULTRASOUND DATA	ULTRASOUND DATA	ULTRASOUND DATA				ULTRASOUND DATA	ULTRASOUND DATA
0	1	2	3	4	5	•	•	•	125	126

Fig. 8

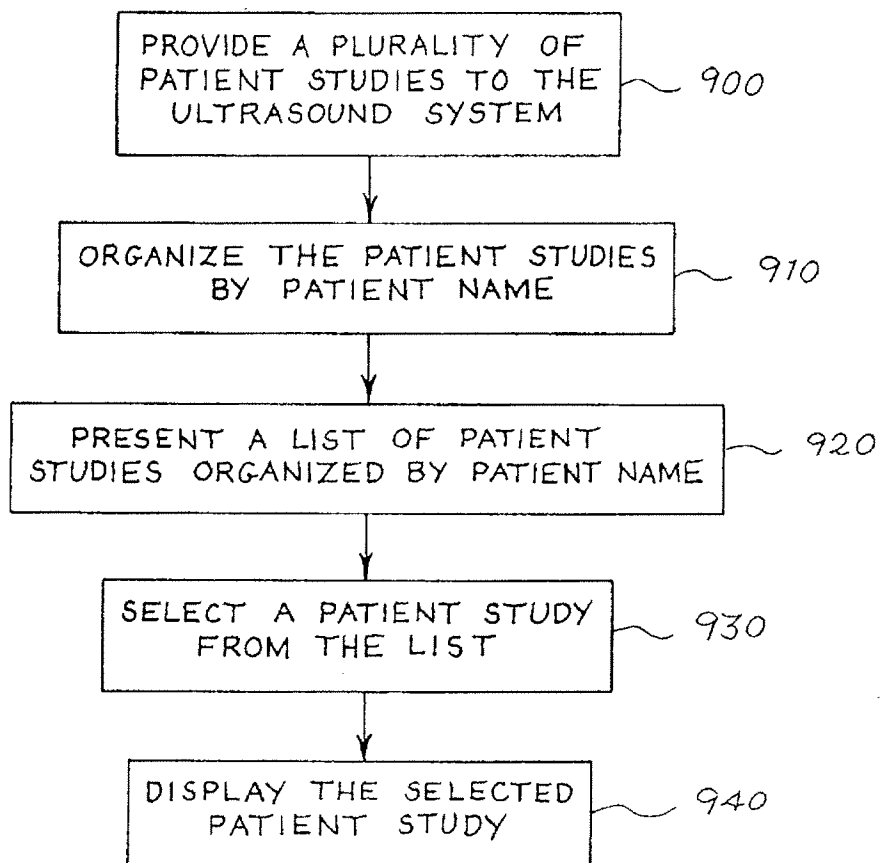
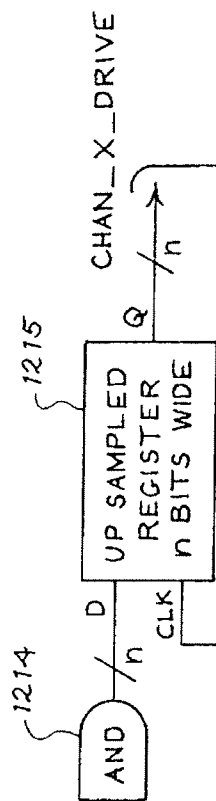
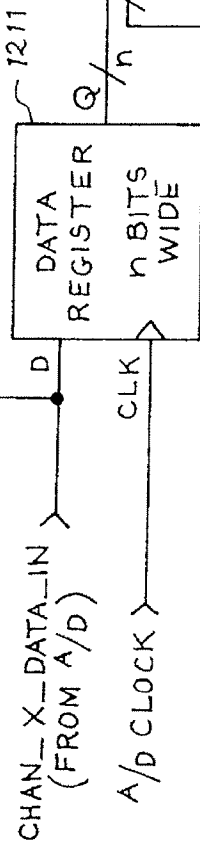
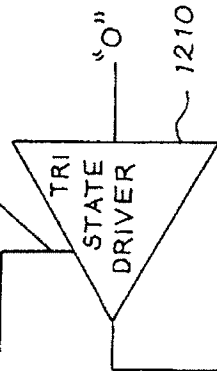


Fig. 9

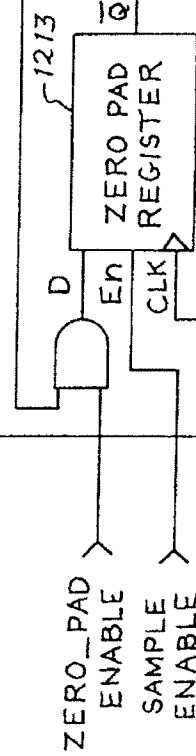
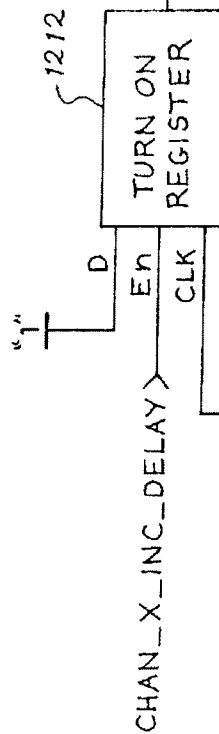
SAMPLE_ENABLE

OUTPUT ENABE



CHAN_X_DRIVE

TO
VARIABLE
DELAY
STAGE



1206

ZERO_PAD
ENABLE

SAMPLE
ENABLE

BF CLOCK

Fig. 12c

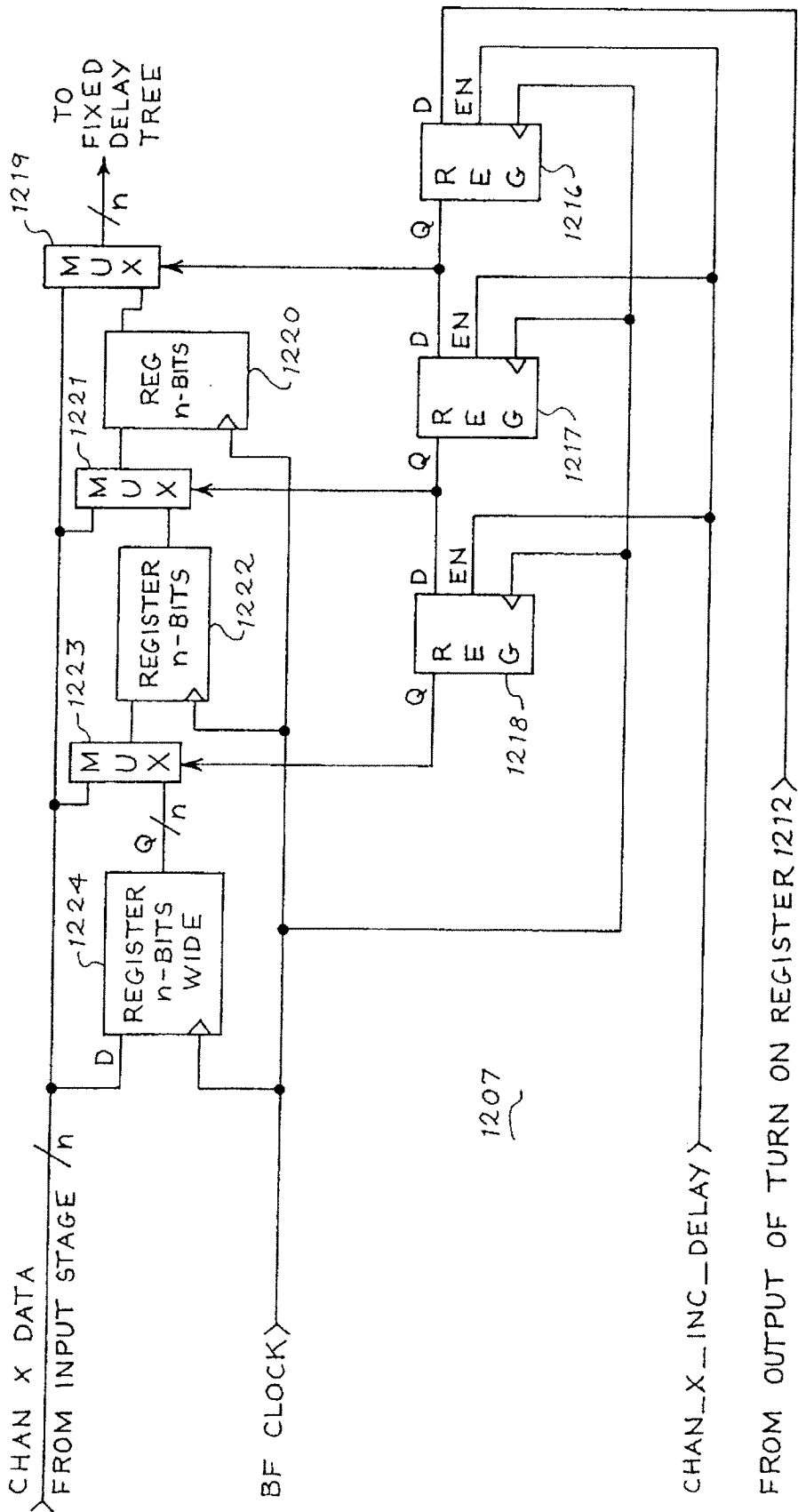


Fig. 12D

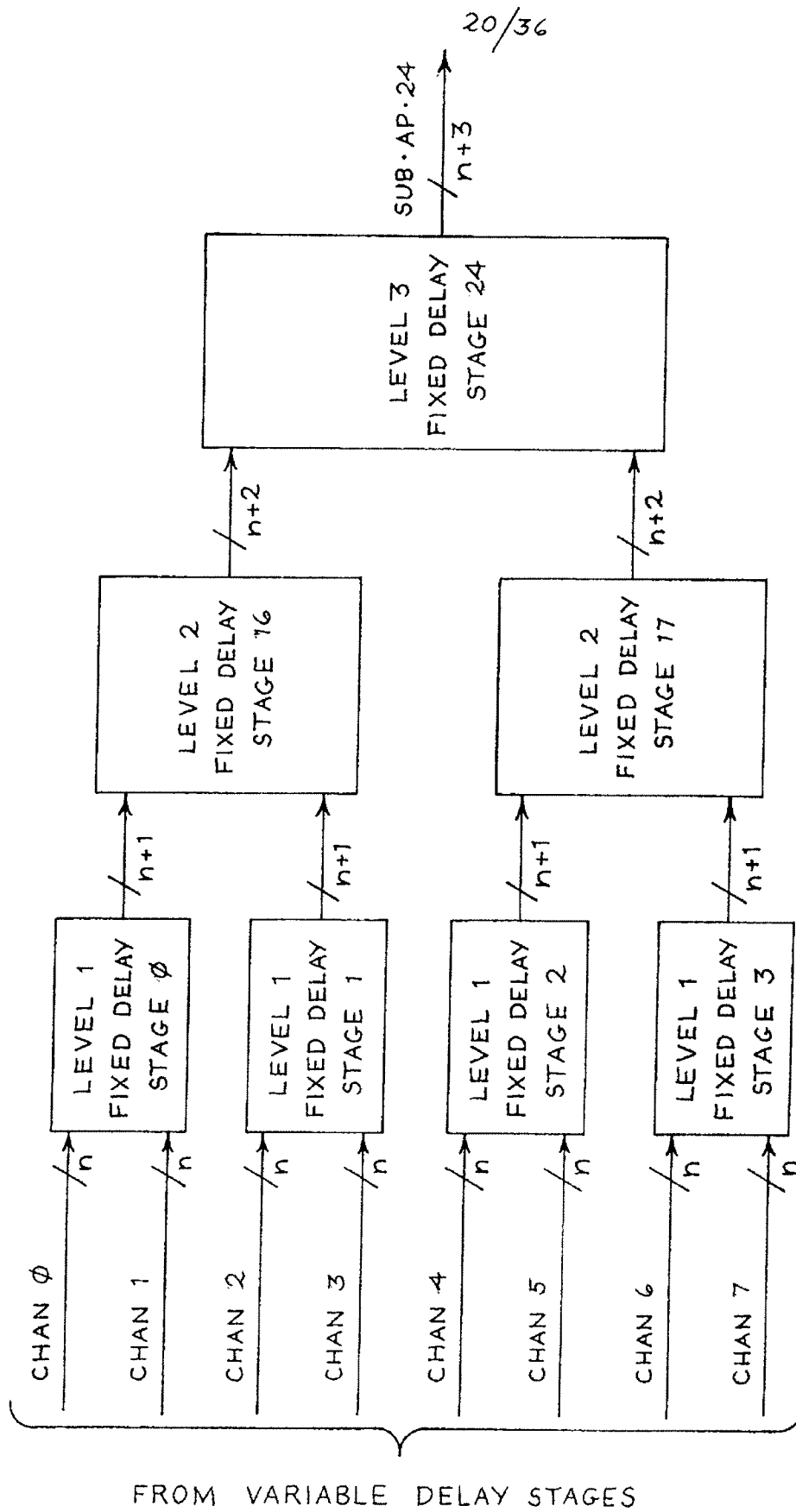


Fig. 12E

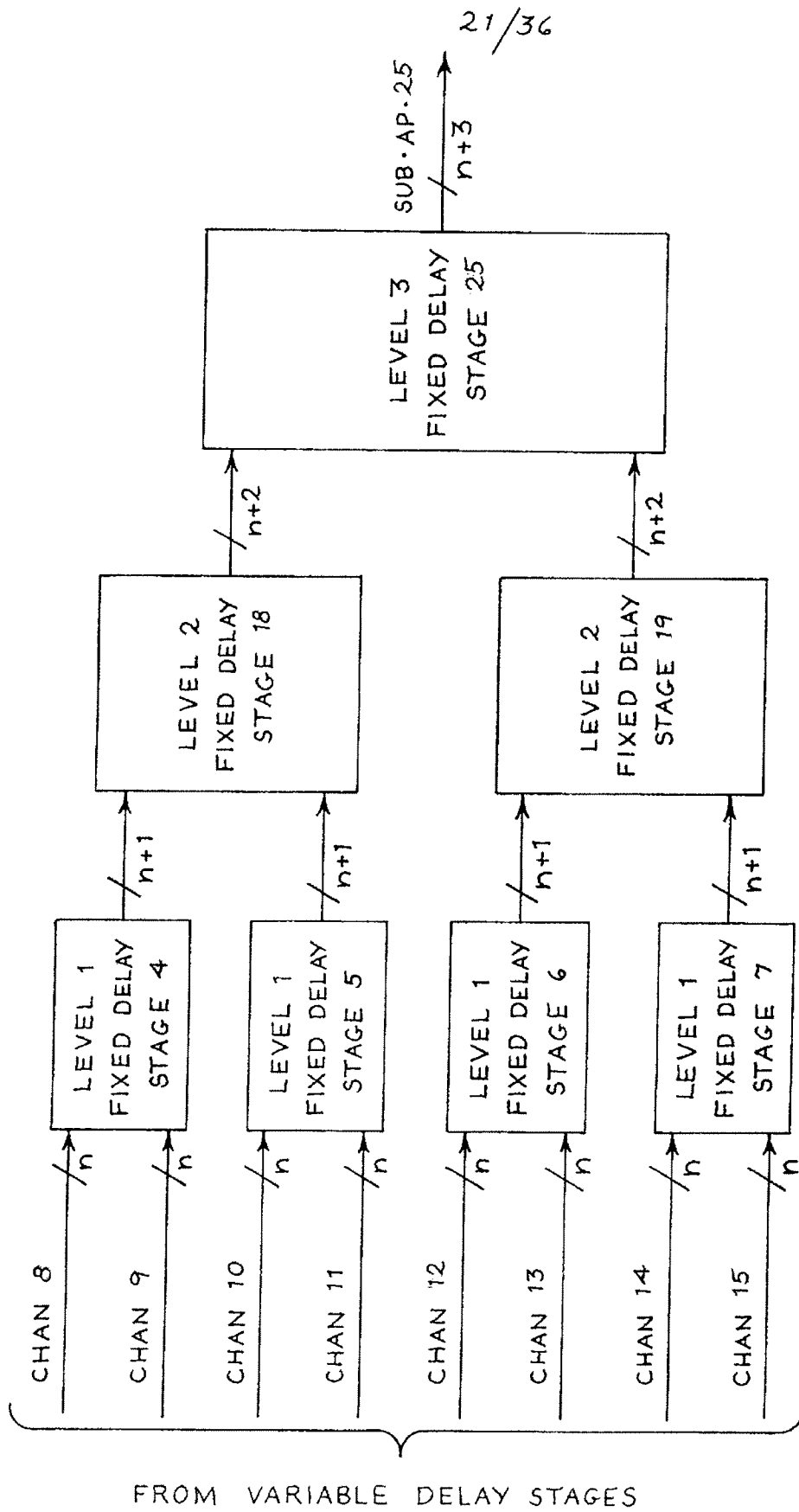


Fig. 12F

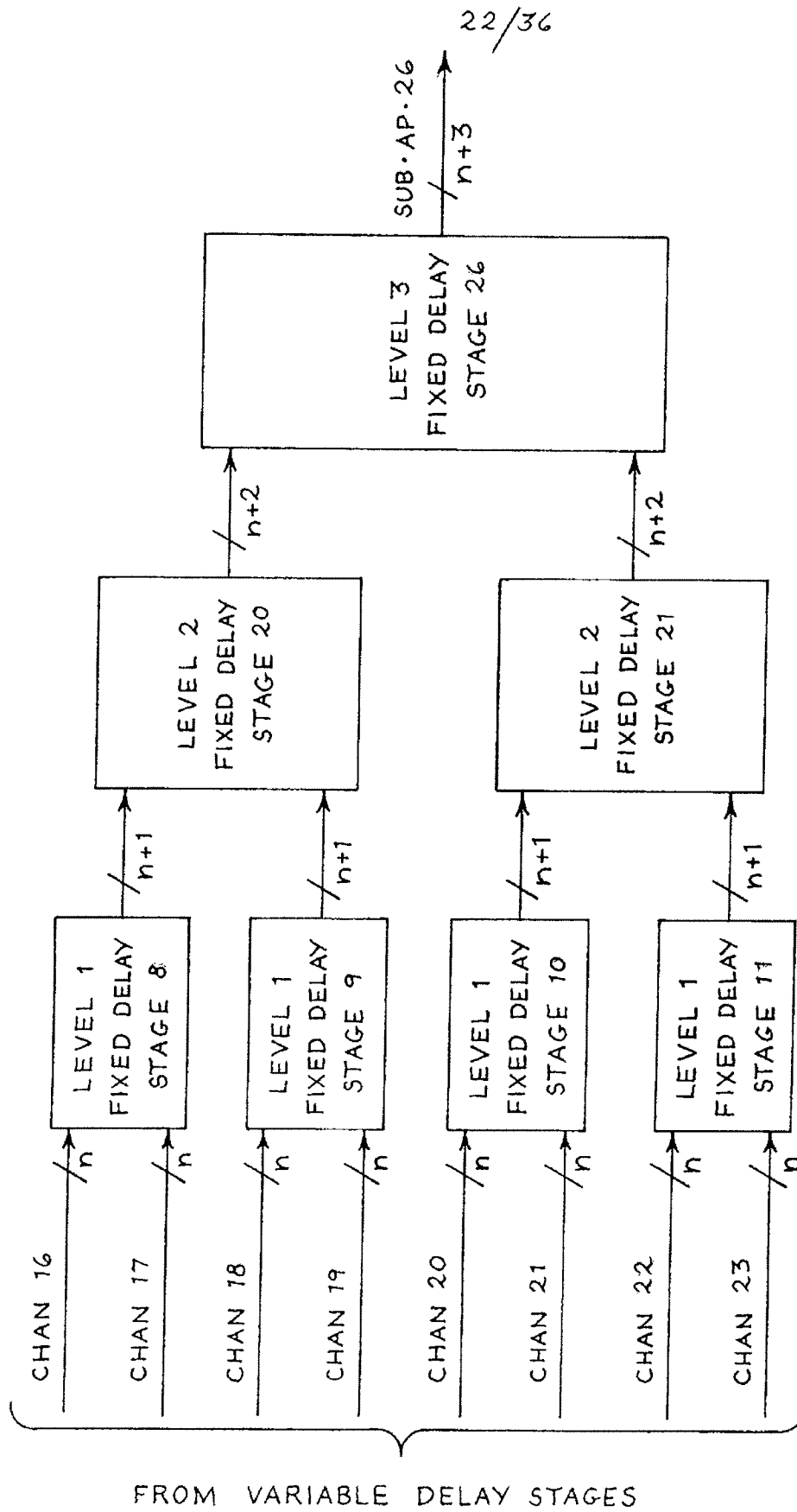


Fig. 12G

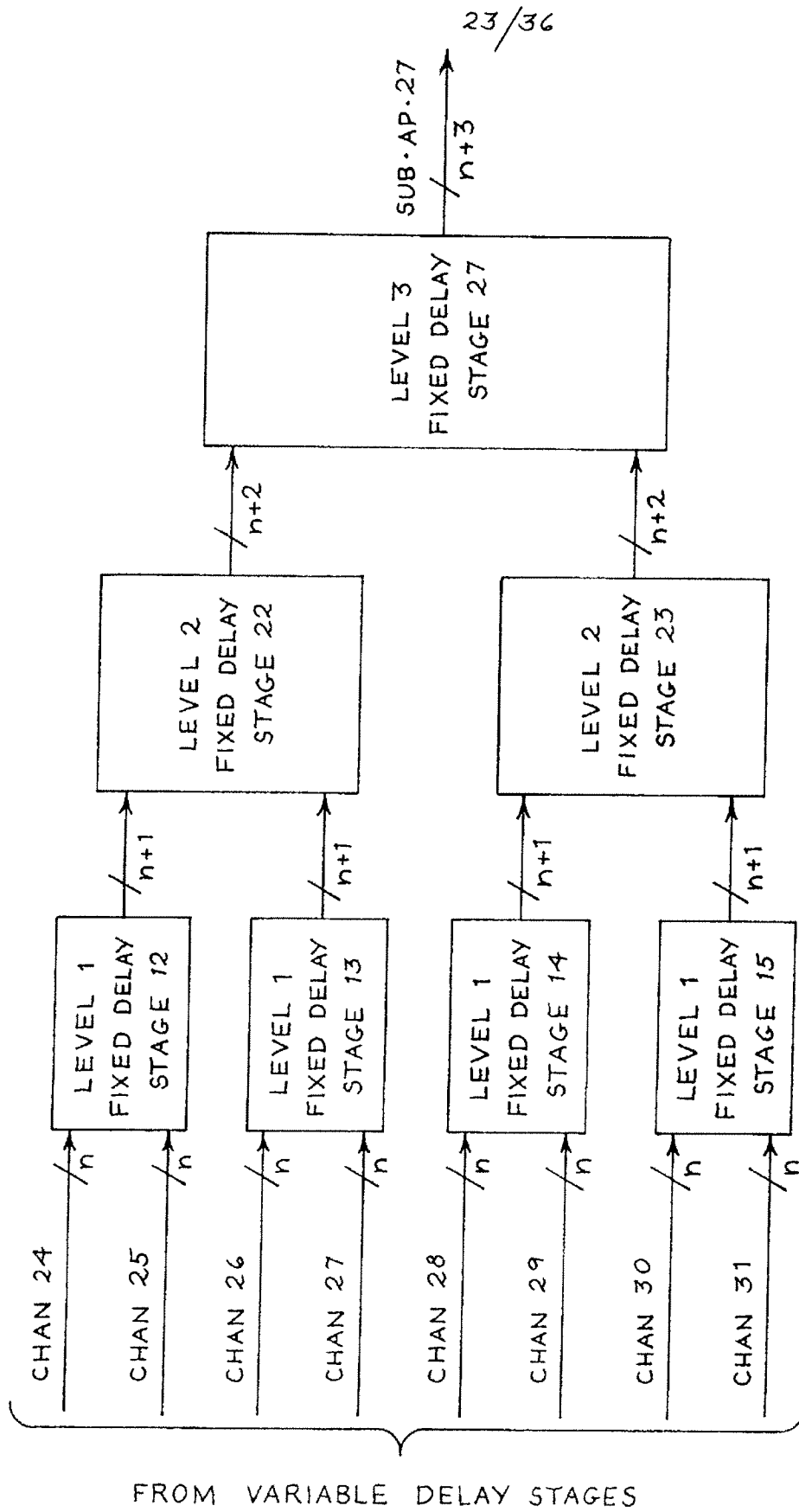


Fig. 12H

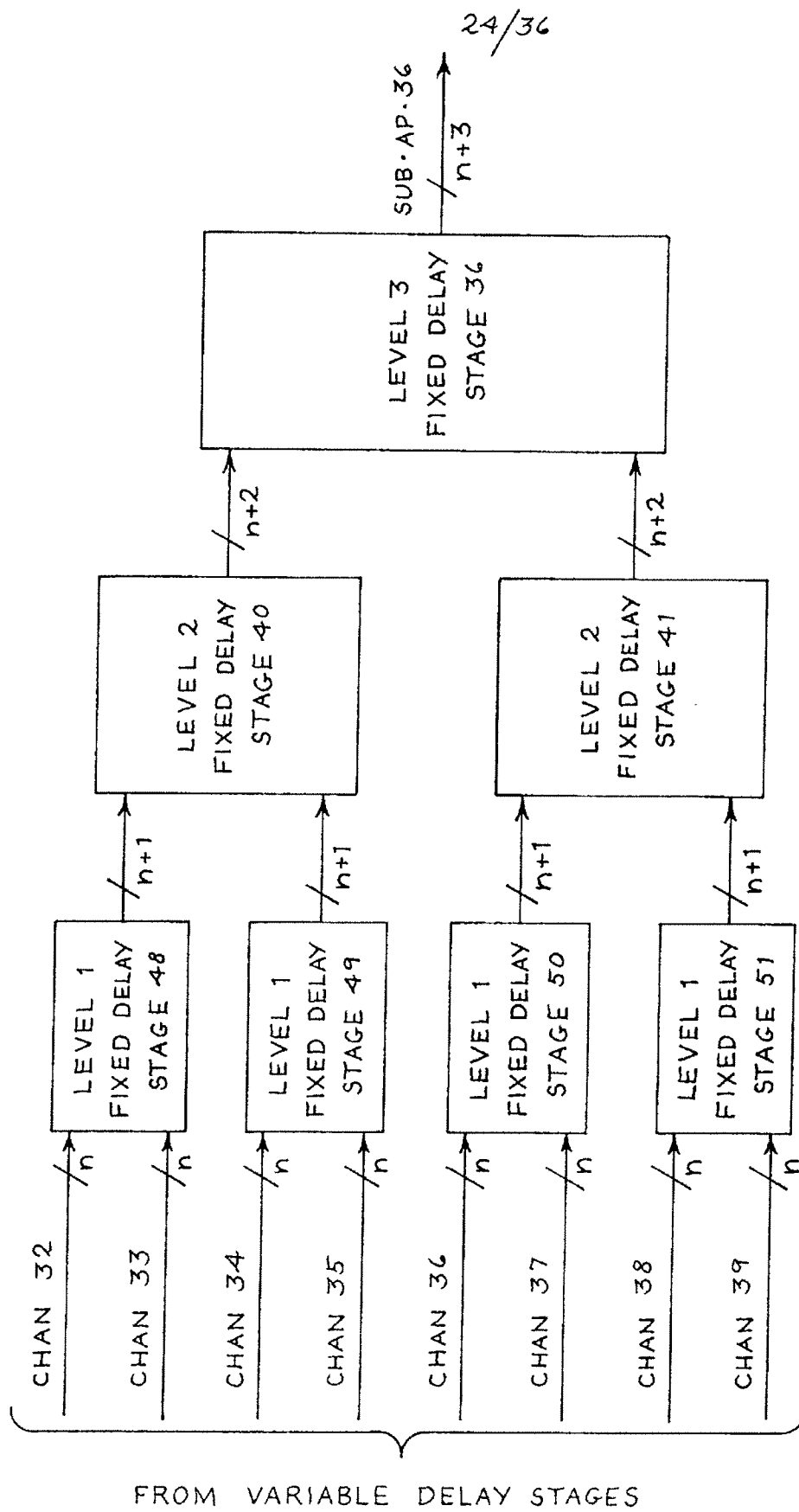


Fig. 121

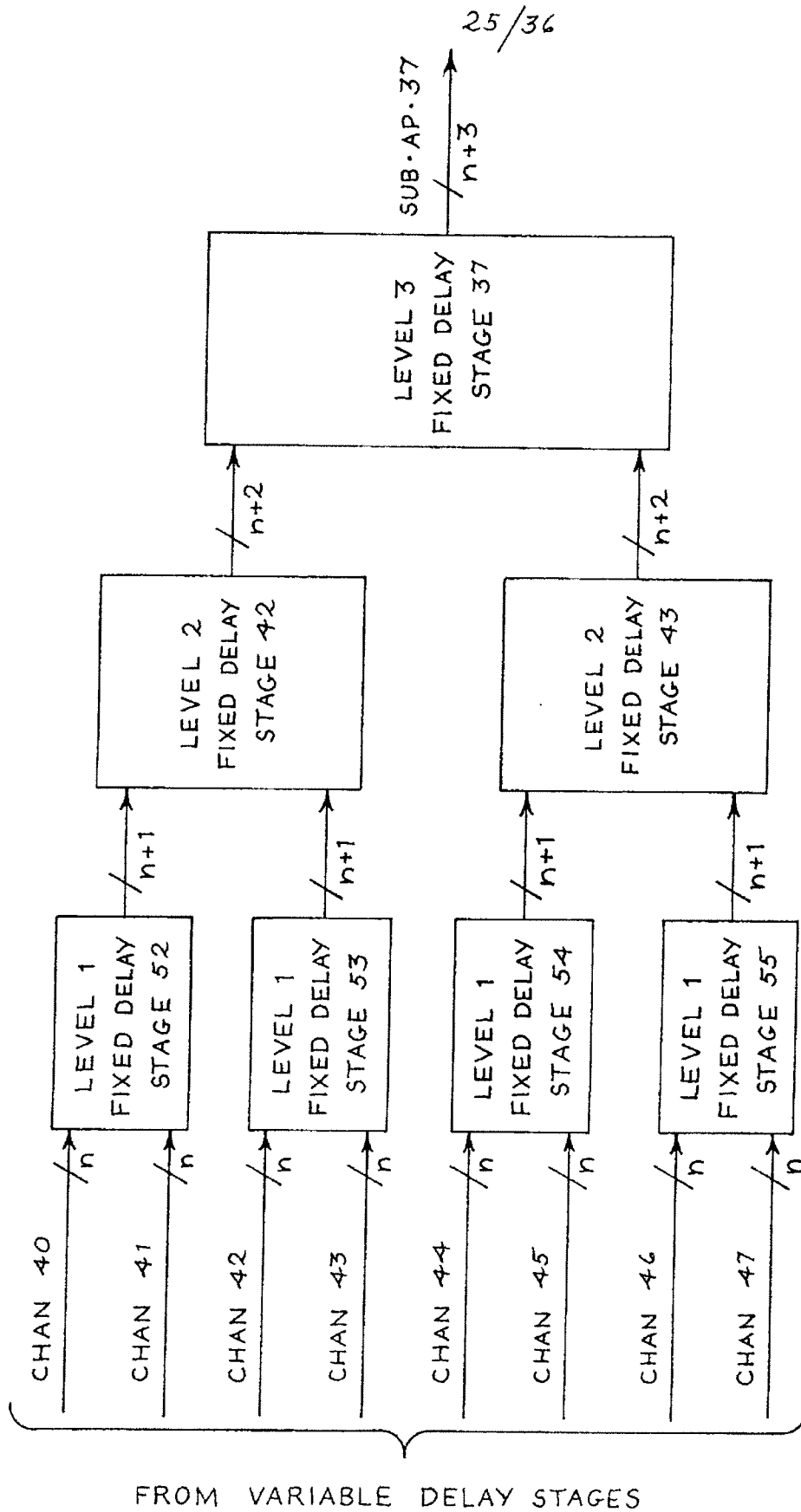


Fig. 12J

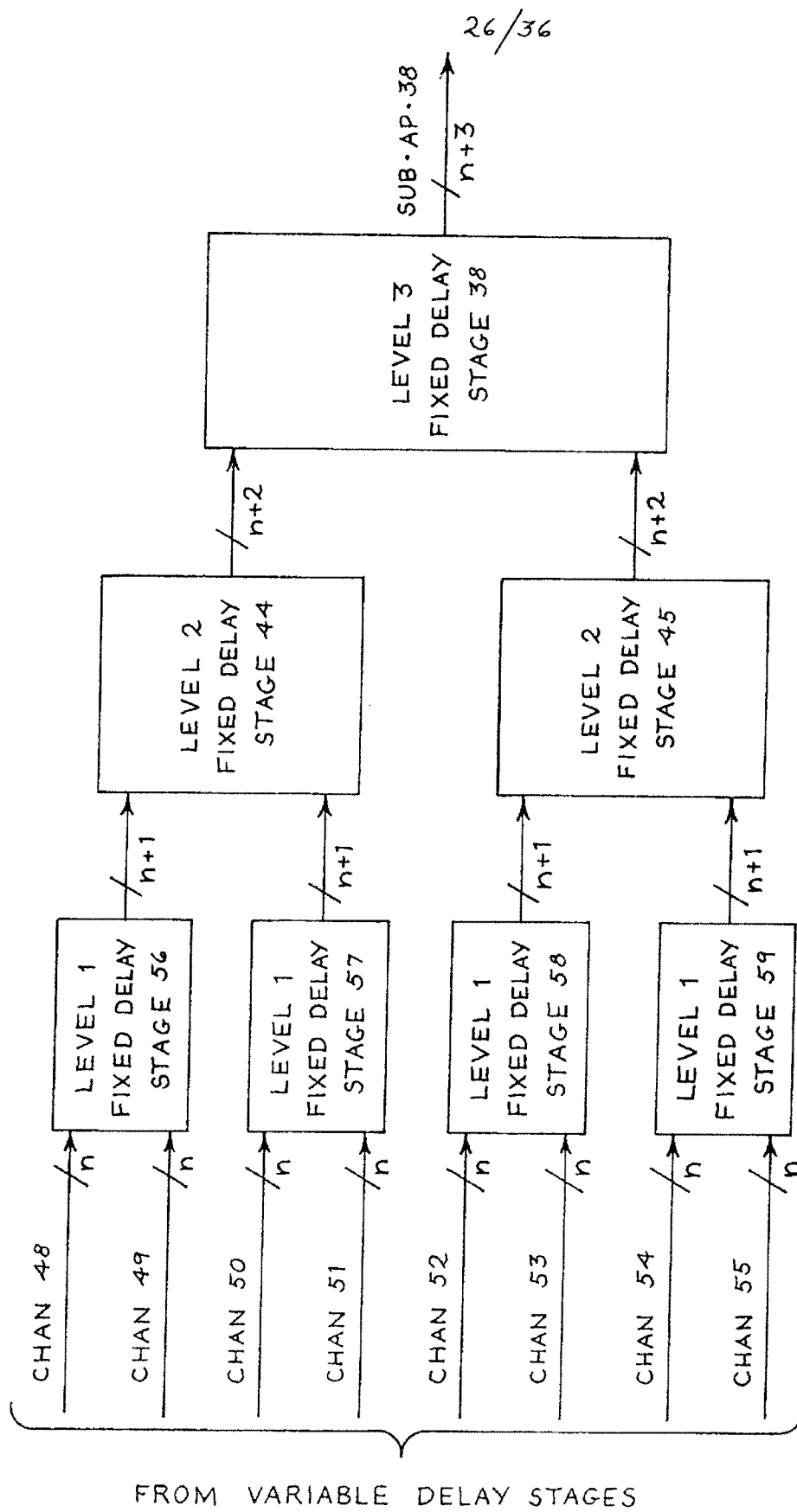


Fig. 12k

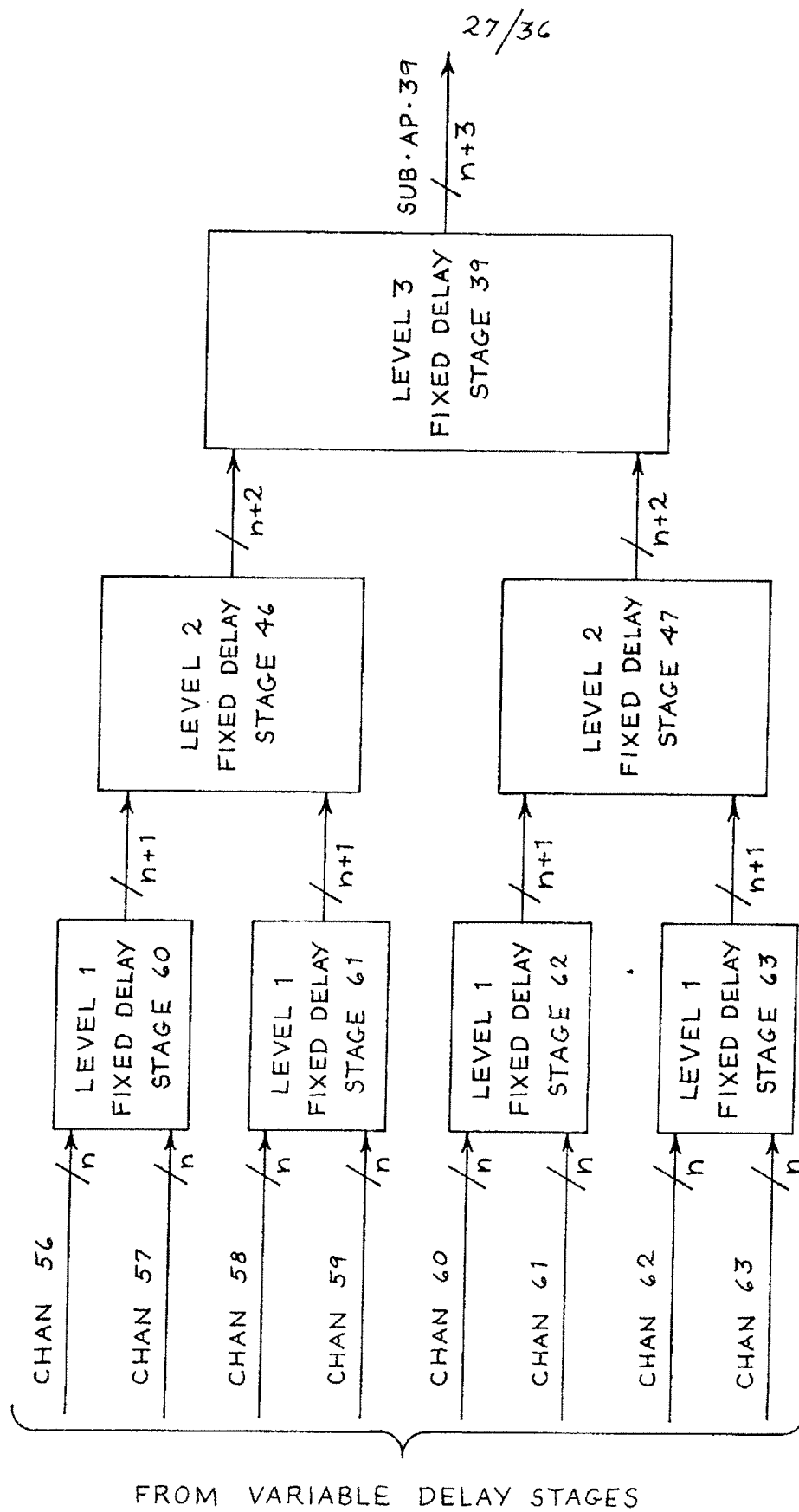


Fig. 12L

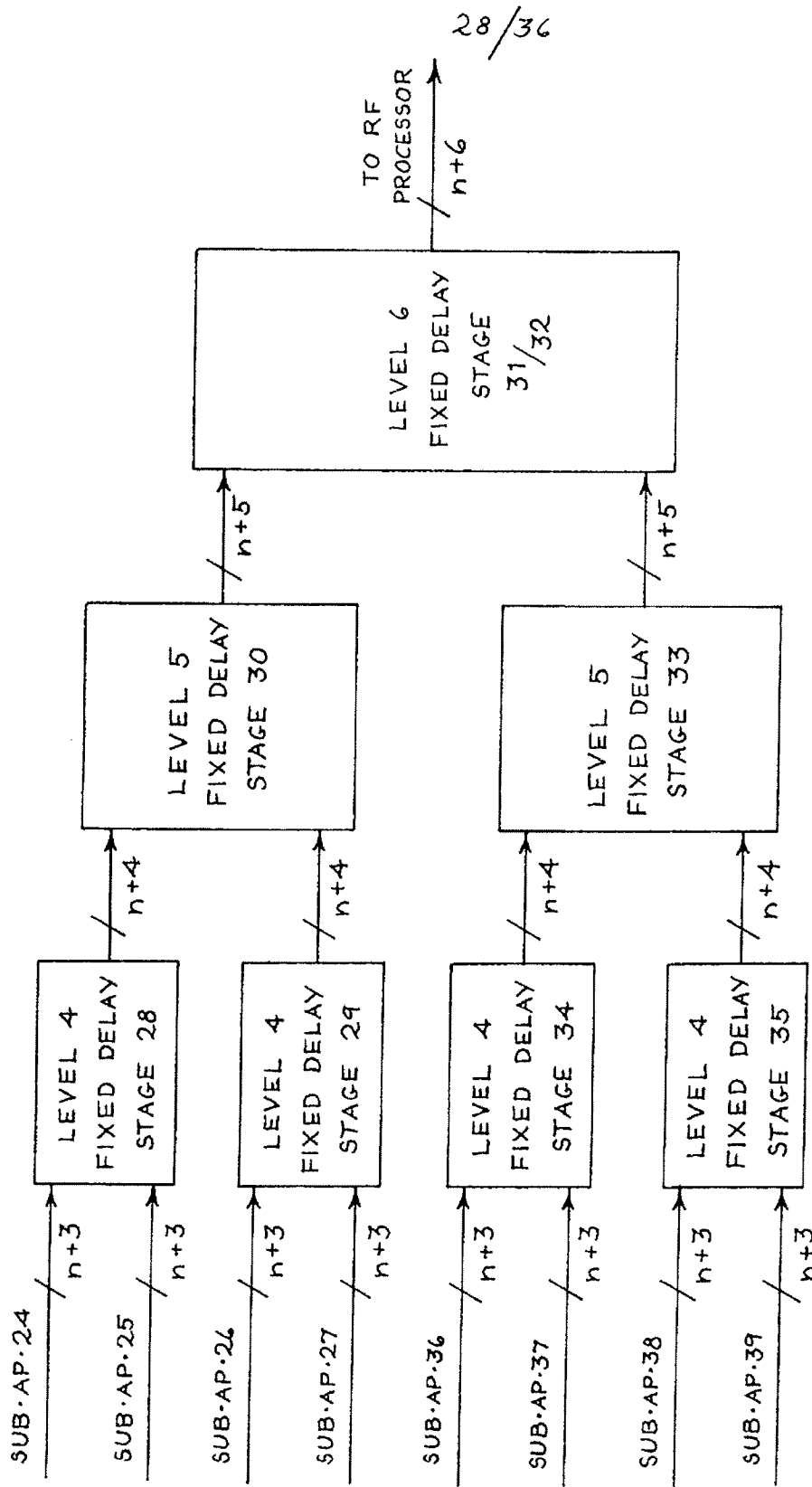


Fig. 12M

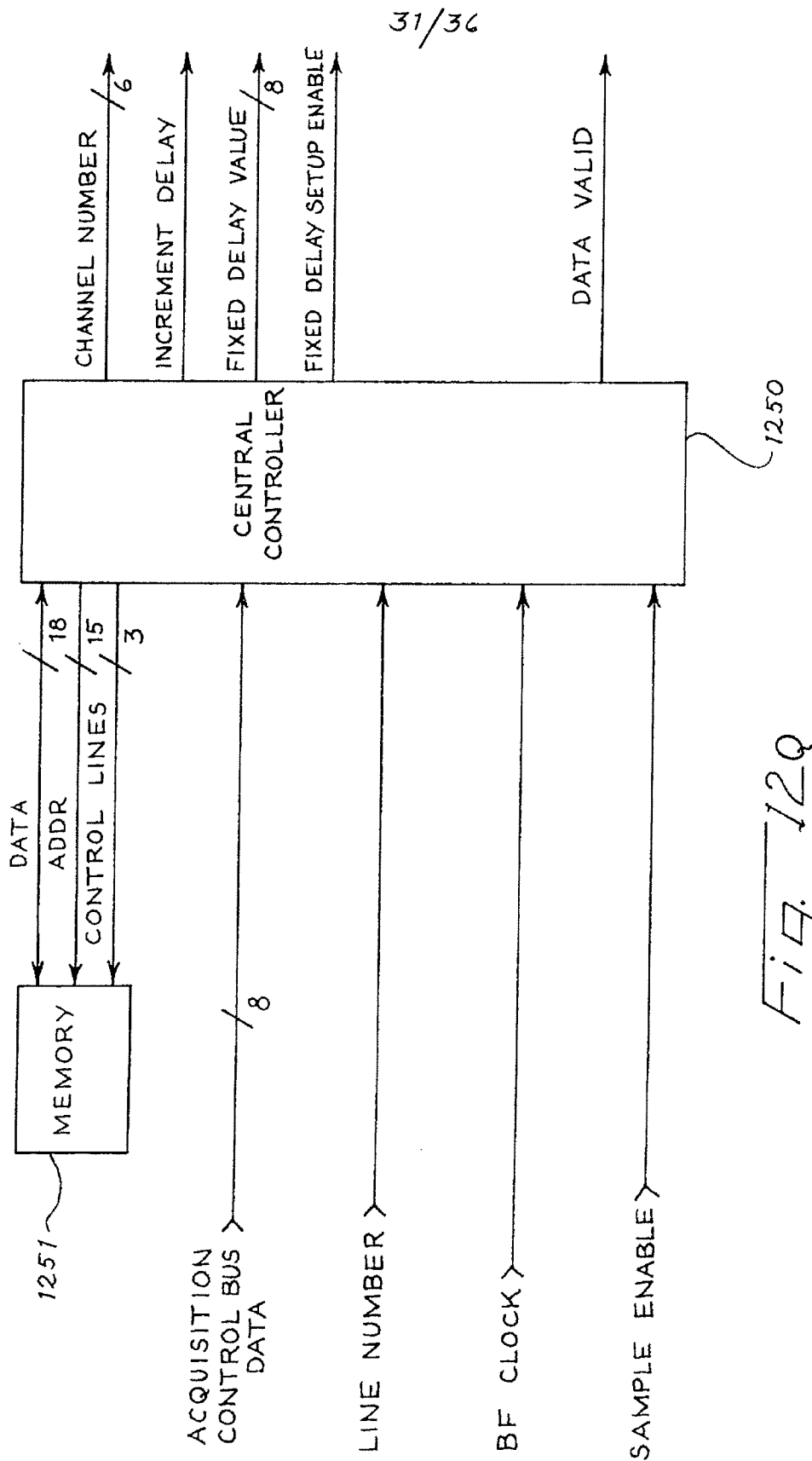
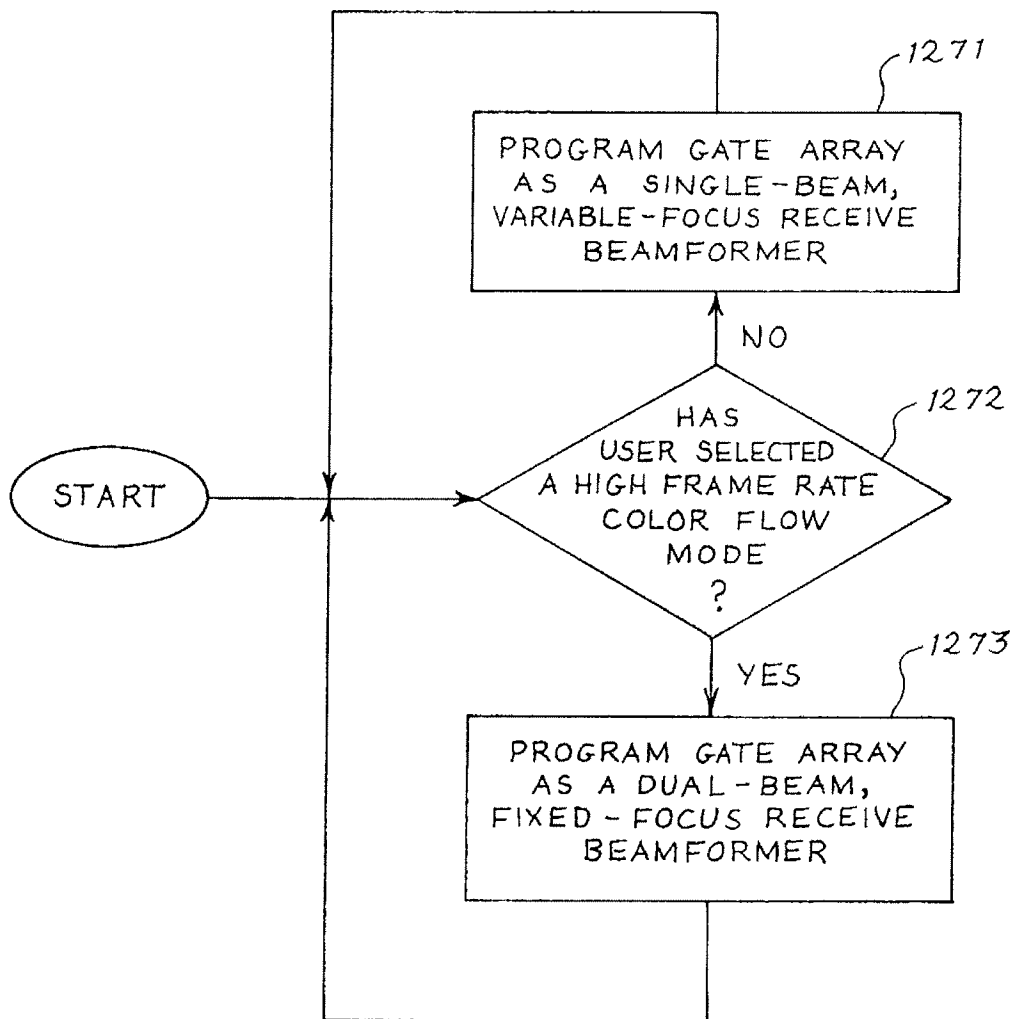
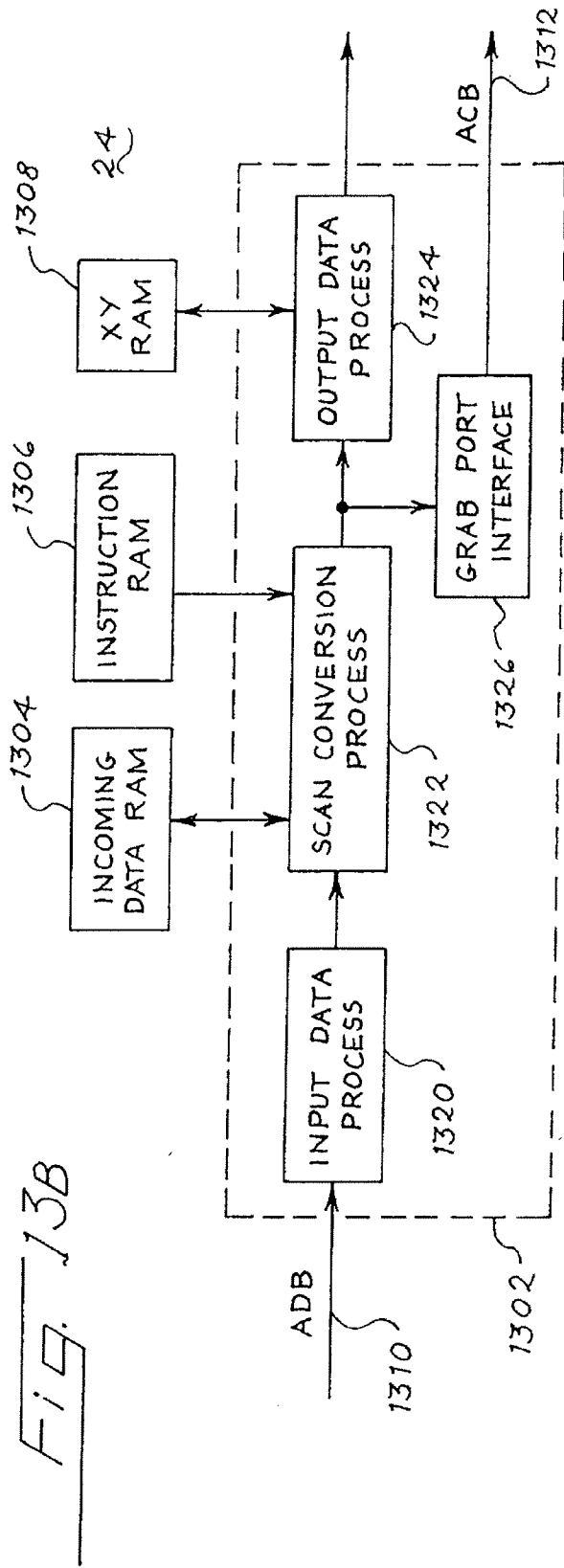
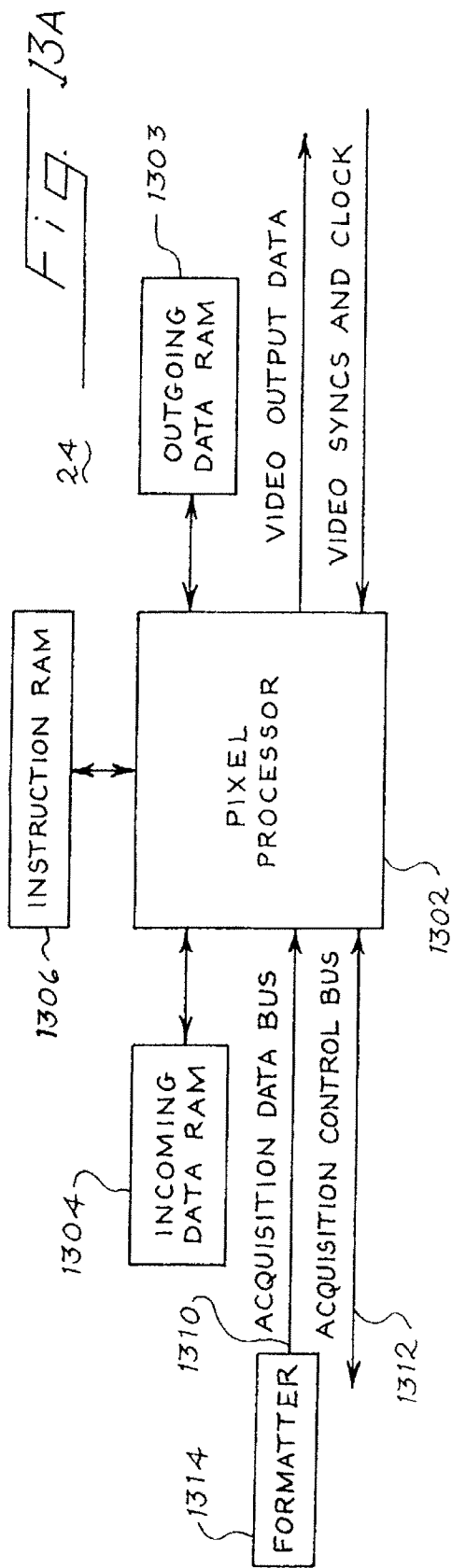


Fig. 120

Fig. 12v



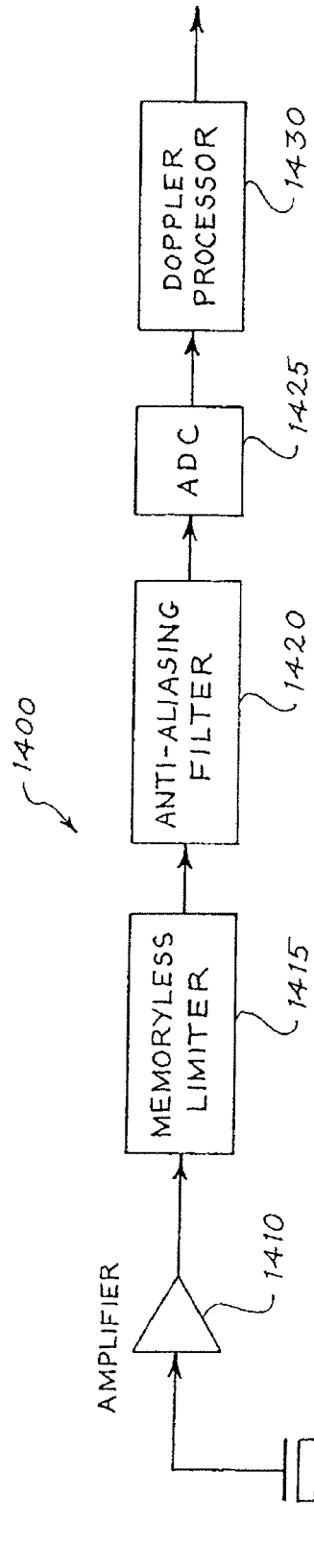


Fig. 14